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Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An adjustable mounting device comprising:
 - A) a base having a bottom and opposed orthogonal sides defining a reclining C;
 - B) a standing C-shaped ~~portion member~~ having a bottom leg, a vertical leg and a top leg parallel to the bottom leg, the bottom leg lying between the opposed orthogonal sides and the standing C-shaped member being positioned by first and second guide dowels and by a pair of first threaded bolt aligned substantially parallel to the first and second dowels, wherein the first and second guide dowels that extend between the opposed orthogonal sides and penetrate the bottom leg, and wherein the first threaded bolt that penetrates, penetrates through an a first bolt aperture in at least one of the opposed orthogonal sides in the direction of the other of the opposed orthogonal sides and engages a first threaded aperture in the bottom leg; and
 - C) a mounting plate suspended from the top leg and above the bottom leg by a second threaded bolt that penetrates the top leg through a second bolt aperture and engages a second threaded aperture in the mounting plate, wherein
a third guide dowel extending extends substantially perpendicular to the first and second dowels from the top leg through the mounting plate to the bottom leg,
the second threaded bolt is substantially parallel to the third guide dowel, and
a mechanism in the mounting plate retains a sensor for retaining an locating a target element to be located by the mounting device.
2. (Currently Amended) The adjustable mounting device of claim 1 wherein the ~~first threaded bolt that penetrates first bolt aperture through~~ at least one of the opposed orthogonal sides does so through is a counter bored aperture in the at least one of the opposed orthogonal sides.

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3. (Currently Amended) The adjustable mounting device of claim 2 wherein the second ~~threaded bolt that penetrates aperture through the top leg does so through is~~ a counter bored aperture in the top leg.
4. (Currently Amended) The adjustable mounting device of claim 1 wherein _____ the first and second threaded bolts have opposing termini and ~~further including~~ each of the first and second threaded bolts have a turn engagement mechanism for rotating the first and second threaded bolts on at least one of the termini on each of the bolts.
5. (Currently Amended) The adjustable mounting device of claim 4 wherein _____ the first and second bolt apertures in the at least one of the opposed orthogonal sides and the top leg are counter bored respectively, and _____ the turn engagement mechanism for rotating each of the first and second threaded bolts each comprises an Allen head recessed in each of the counter bored apertures.
6. (Currently Amended) The adjustable mounting device of claim 1 wherein said mechanism in the mounting plate ~~for retaining an element to be located by the mounting device~~ comprises a third threaded aperture in the mounting plate, and the sensor includes mating threads that engage the third threaded aperture.
7. (Currently Amended) The adjustable mounting device of claim 1 further including position indicating marks on the first and second guide dowels.
8. (Currently Amended) An adjustable mounting device comprising:
 - A) a base having a bottom and opposed orthogonal sides defining a reclining C;
 - B) a standing C-shaped ~~portion~~ member having a bottom leg, a vertical leg and a top leg parallel to the bottom leg, the bottom leg lying between the opposed orthogonal sides and, the standing C-shaped member being positioned by first and second guide dowels and by a pair of first threaded bolt aligned substantially parallel to the first and second dowels, wherein the first and second guide dowels that extend between the opposed orthogonal sides and penetrate the

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bottom leg and ~~a, wherein the threaded bolt that penetrates at least one of the opposed orthogonal sides through a first counter bored aperture in the at least one opposed orthogonal sides in the direction of the other of the opposed orthogonal sides and engages a first threaded aperture in the~~ bottom leg; and

C) a mounting plate suspended from the top leg and above the bottom leg by a threaded bolt that penetrates the top leg through a second counter bored aperture in the top leg and engages a second threaded aperture in the mounting plate, wherein
a third guide dowel extending extends substantially perpendicular to the first and second dowels from the top leg through the mounting plate to the bottom leg,
the second threaded bolt is substantially parallel to the third guide dowel, and
a mechanism in the mounting plate retains a sensor for retaining an locating a target element to be located by the mounting device.

9. (Currently Amended) The adjustable mounting device of claim 8 wherein
said mechanism in the mounting plate for retaining an element to be located by the mounting device comprises a third threaded aperture in the mounting plate, and
the sensor includes mating threads that engage the third threaded aperture.

10. (Currently Amended) The adjustable mounting device of claim 8 further including position indicating marks on ~~said the first and second~~ guide dowels.

11. (Currently Amended) ~~In combination~~ An element locating system, comprising:

A) ~~a sensor mounted to locate a target element; and~~

B) an adjustable mounting device comprising:

i) a base having a bottom and opposed orthogonal sides defining a reclining C;
ii) a standing C-shaped ~~portion~~ member having a bottom leg, a vertical leg and a top leg parallel to the bottom leg, the bottom leg lying between the opposed orthogonal sides ~~and, the standing C-shaped member being positioned by first and second guide dowels and by a pair of first threaded bolt aligned substantially parallel to the first and second dowels, wherein the first and second guide dowels that extend between the opposed orthogonal sides and~~

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penetrate the bottom leg, and ~~a wherein the first threaded bolt that penetrates, penetrates through~~
~~an a first bolt aperture~~ in at least one of the opposed orthogonal sides ~~in the direction of the other~~
~~of the opposed orthogonal sides and engages a first threaded aperture~~ in the bottom leg; and

iii) a mounting plate suspended from the top leg and above the bottom leg by a
second threaded bolt that penetrates the top leg and engages a second threaded aperture in the
mounting plate, wherein

_____ a third guide dowel extending extends substantially perpendicular to the first and second
dowels from the top leg through the mounting plate to the bottom leg, and

_____ the second threaded bolt is substantially parallel to the third guide dowel.

_____ a mechanism in the mounting plate for retaining an element to be located by the
mounting device retains the sensor, and

wherein the sensor engages the mechanism in the mounting plate for retaining an element
to be located by the mounting device.

12. (Currently Amended) The ~~combination system~~ of claim 11 wherein the first threaded
bolt ~~that penetrates aperture through~~ at least one of the opposed orthogonal sides ~~does so through~~
is a counter bored aperture in the at least one of the opposed orthogonal sides.

13. (Currently Amended) The ~~combination system~~ of claim 12 wherein the second threaded
bolt ~~that penetrates aperture through~~ the top leg ~~does so through is~~ a counter bored aperture in the
top leg.

14. (Currently Amended) The ~~combination system~~ of claim 11 wherein
_____ each of the first and second threaded bolts have opposing termini, and further including
_____ each of the first and second threaded bolts has a turn adjustment mechanism for rotating
the first and second threaded bolts on at least one of the termini on each of the bolts.

15. (Currently Amended) The ~~combination system~~ of claim 14 wherein
_____ the first and second apertures in the at least one of the opposed orthogonal sides and the
top leg respectively are counter bored,

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_____ and the turn adjustment mechanism for rotating each of the first and second threaded bolts each comprises an Allen head recessed in each of the counter bored apertures.

16. (Currently Amended) The ~~combination system~~ of claim 11 wherein _____ the turn adjustment mechanism in the mounting plate ~~for retaining an element to be located by the mounting device~~ comprises a third threaded aperture in the mounting plate, and _____ the sensor includes mating threads that engage the third threaded aperture.

17. (Currently Amended) The ~~combination system~~ of claim 11 further including position indicating marks on the guide dowels.

18. (Currently Amended) ~~In combination~~ An element locating system, comprising:

A) a sensor; and

B) an adjustable mounting device comprising:

i) a base having a bottom and opposed orthogonal sides defining a reclining C;

ii) a standing C-shaped ~~portion member~~ having a bottom leg, a vertical leg and a top leg parallel to the bottom leg, the bottom leg lying between the opposed orthogonal sides and, the standing C-shaped member being positioned by first and second guide dowels and by a pair of first threaded bolt aligned substantially parallel to the first and second dowels, wherein the first and second guide dowels that extend between the opposed orthogonal sides and penetrate the bottom leg, and a the first threaded bolt that penetrates at least one of the opposed orthogonal sides through a first counter bored aperture in the at least one opposed orthogonal sides in the direction of the other of the opposed orthogonal sides and engages a first threaded aperture in the bottom leg; and

iii) a mounting plate suspended from the top leg and above the bottom leg by a second threaded bolt that penetrates the top leg through a second counter bored aperture in the top leg and engages a second threaded aperture in the mounting plate, wherein

_____ a third guide dowel extending extends substantially perpendicular to the first and second dowels from the top leg through a second aperture in the mounting plate to the bottom leg, the second threaded bolt is substantially parallel to the third guide dowel, and

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_____ a mechanism in the mounting plate retains a sensor for retaining an ~~retaining an~~ locating a target
~~element to be located by the mounting device.~~

19. (Currently Amended) The ~~combination system~~ of claim 18 wherein the sensor is a proximity sensor.

20. (Currently Amended) The ~~combination system~~ of claim 11 wherein the sensor is a proximity sensor.